

Hydrogenation of Some Unsymmetrical Diarylethanes,
by A. V. Topchiev, V. L. Vaisser, 4 pp.

RUDZHAN, pub., Dokl Akad Nauk SSSR, Vol XXXII, No 3,
1958, pp 409-.

CE

Sc1 - Item
Dot 55

100,049

Applications of Radioactive Isotopes in the USSR, by
A. V. Topchiyev, I. T. Alad'ev, P. S. Savitskiy, 18 pp.

RUSSIAN, per, Atom Energy, Vol V, No 3, 1958, pp 321-334

CB

Oct 59

99,270

Topchishev, A. V., Krentsel', B. A., and Sidorova, L. G.
SOME RULES FOR THE POLYMERIZATION OF PROPYLENE WITH THE $TiCl_3 + AlR_3$ CATALYTIC SYSTEM [1961] [9 refs.]
Order from DTS in SLA \$1.10 61-16710

Order from DTS or SLA \$1.10 61-16710

Trans. of Akad[emika] Nauk SSSR. Doklady, 1959,
v. 128, no. 4, p. 732-735.

DISCUSSIONS: *Polymerization, *Propenes, *Catalysts, *Titanium compounds, Chlorides, Metalorganic compounds, Aluminum compounds, Exchange reactions.

(Chemistry--Physical, T. T., v. 6, no. 4)

61-16710

- I. Title: Stereospecific
polymerization
 - II. Topchiev, A. V.
 - III. Krentsel', B. A.
 - IV. Sidorova, L. G.

Office of Technical Services

		61-10384
Topchiyev, A. V., Musayev, I. A. and others.		
COMBINED METHOD FOR A DETAILED INVESTIGATION ON THE GROUP COMPOSITION OF CRACKING GASOLINES. [1961]. Sp. 9 refs.		
Order from I.C or S.I.A. m\$1.80, ph\$1.80	61-10384	
Transl. of Akad[emiya] Nauk SSSR Dokl[ady] 1959,		
v. 128 (no. 5, p. 966-969).		
The present article describes a combined method, including a chromatographic separation of standard fractions (60-175) from cracking gasoline in hydrocarbon classes combined with hydrodehydrogenizing catalysts. This method permits a determination of the chemical composition in fractions separately, according to seven subgroups of saturated and unsaturated hydrocarbons.		
(Author)		
(Chemistry-Analytical, TT, v. 3, no. 10)		
	1. Gasoline--Fractionation 2. Hydrocarbons-- Determination 3. Chromatographic analysis-- Applications	
I. Topchiyev, A. V. II. Musayev, I. A.		
	Office of Technical Services	

Development of Research on Problems of the
Chemization of Agriculture, by A. V. Topchiyev,
8 pp.

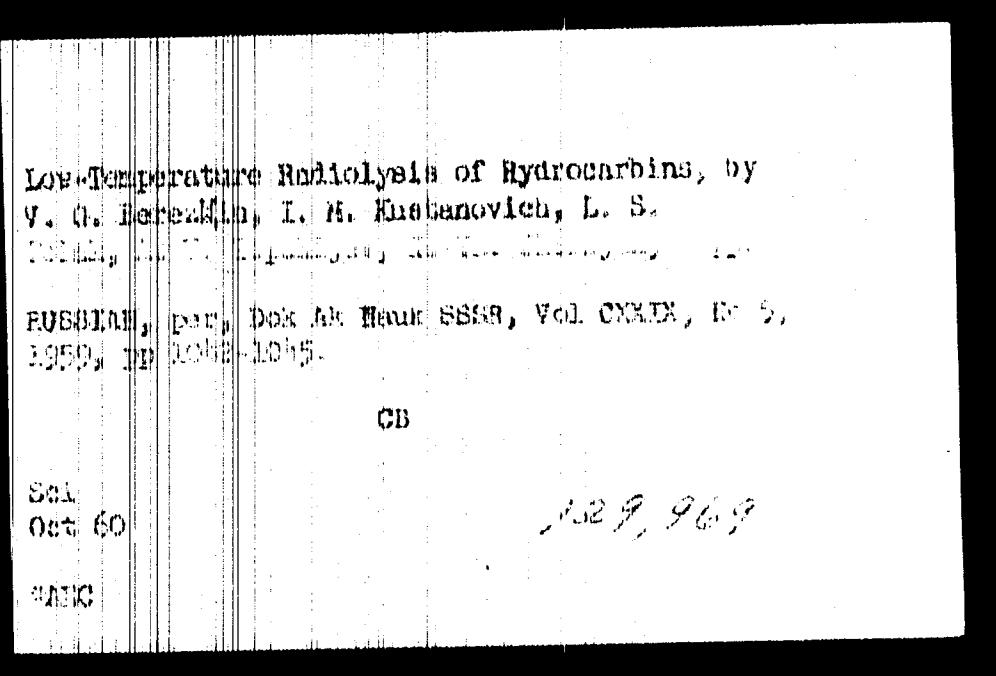
RUSSIAN, per, Vest Ak Nauk USSR, No 6, 1962, pp 3-8.

JPRB 15625

215,373

USSR
Econ

Oct 62



Synthesis and Properties of Mono-, Di- and Tri-p-XI
tolylalkyl Salanes, by N. S. Novotkin, A. V. Top-
chyev, Gu Chuan-Li and N. A. Leonova, 4 pp.

RUSEIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,
1957, pp 107-109.

Consultants Bureau

Sci - Chem

Aug 18

70, 954

Production of Xylenes by Dealkylation
and Conjugate Alkylation of Aromatic
Hydrocarbons in the Presence of Synthetic
Aluminosilicates, by Academician A. V.
Topchilev, G. M. Mamadaliev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVII,
No 6, 1957, pp 1007 - 1009.

Sci - Chem

Oct 58

Consultants Bureau
AT&T BELL LABS

74, 372

Investigation of the Normal Paraffinic Hydrocarbon Systems C₃₀-C₄₀ and C₃₀-C₃₆, by Academician A. V. Topchiev, N. N. Nechitailo, L. M. Rozenberg, E. M. Kerecnyte, 4 pp.

Russian paper, Dokl Ak Nauk SSSR, Vol CXVII, No 4, 1957, pp 629-

Consultants Bureau

Sci - Chem

Oct 58

74-749

Polymerization of Oleic Acid and Its
Methyl Ester in the Presence of a Molecular
Compound of Boron Tri Fluoride and Orthophosphoric
Acid, by N. V. Topchiev and T. P. Vishnyakova.
RUBCHIAN, Chem. Doklady Akad. Nauk SSSR, 1950,
Vol 71, pp 493-496.

ILL. RDS 2471 (On Loan or Purchase)

Aug 65

233, NY

Fundamental Results of the Scientific Activity and
of the Introduction of Completed Research of the
Academy of Sciences of USSR for 1950, by A. V. Topchilov.

RUSSIAN. Vestnik Akademii Nauk SSSR, Vol XXI, No 3, Mar 1951,
ppp 36-65.

USDA Trans No 221

USSR
Scientific - Institutions, Academy of Sciences,
research

(DC-3)02/1).

On the Growth of Research on Production of High
Molecular Compounds, Monomers and Auxiliary
Substances, by A. V. Topchiev, 7 pp.

RUSSIAN, per, Vest Ak Nauk BSSR, No 6, 1959,
p. 78-82.

JPNS-454-D

Sci - Mac, Chem, Engr
Oct 59

98,826

Study of the Composition of the Light Fractions of
Soviet Crudes, by A. V. Topchiyev, B. A. Kazanskiy
et al., 40 pp.

RUSSIAN, per, Uspeshn Khim, Vol XVII, No 10, 1958,
pp 1177-1197. C149660239

AT&T NCL-580/III

Sp1 - Russ

Oct 60

128,489

The Photochemical Sulfoxidation of n-Heptane
with Sulfur Dioxide Gas and Oxygen, by A. V.
Torchil'ev, G. M. Tsiguro, G. V. Gryaznev.

12.

RSSJU, per, Dok Ak Nauk SSSR, Vol CHII,
No 6, p 1302-1305.

Consultants Bureau

BCH Chem
ABG 50

73, 4/5

Isomeric Transformation of Aluminosilicates
Aluminosilicates and Their Demethylation in
the Presence of Benzene, by Yu. G. Mamedaliev,
A. V. Topchikov, O. M. Mamedaliev, and O. N.
Suleimanyev, 3 pp.

Full tr

RUSSIAN, thrice-wo per, Dok Ak Nauk SSSR, Vol CVI,
No 6, 1956, p 1027.

41,505
TEKNI
Consultants Bureau

Sci - Chemistry
Dec 56 CTB

Radiolysis of Hydrocarbons, by A. V.
Topchiev, ed.
RUSSIAN, bk, same title as above, 1964.
ILL (On loan)

Agro 65

286,967

44. 6 Topchiev

Study of the Products of Polymerizing
Oleic Acid, by A. V. Topchiev and T. P.
Vishnyakova.
RUSSIAN, per, Khimiya Akid Inak SSSR,
1959, Vol 71, pp 685-688.
ILL. REC 2472 (On Loan or Purchase)

Aug 65 286,972

A. V. Topchiev

Alkylation of Benzene by Butylenes with a Catalyst with a B_n-on Fluoride Base, by A. V. Topechkin, M. V. Kurashev and Ya. M. Paushkin,
4 pp.

Full tr.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVII,
No 5, p 702.

Consultants Bureau

41,516

Sci - Chemistry
Dec 56 CTS

Topchlev, A. V. and others.

RADICALYSIS OF HYDROCARBONS. 1961, 220p.
Order from Scripta Technica, Inc., 1000 Vermont
Ave., N. W., Washington, D. C.

Transl. of mon. [Radikals Uglevodorodov, Moscow,
1962, 208p.]

DESCRIPTIONS: *Radiolysis, *Hydrocarbons, Pyrolysis,
Reaction kinetics, Catalysis, Free radicals,
*Radiation chemistry.

63-22645

I. Topchlev, A. V.
II. Scripta Technica, Inc.,
Washington, D. C.

6

(Chemistry--Organic) TT, v. 10, no. 12

Office of Technical Services

Some Organosilicon Compounds Containing Siloxane-Carbon, and Silazane-Carbon Groupings in the Chain,
by N.S. Il'inskii, A.V. Topchiev et al, 5 pp.

RUSSIAN, per, Iz Akad. Nauk SSSR, Otdel.
Khim. Nauk., No 4, 1963, pp 654-659.

CB

Sci

May 64

256,901

Topchiev, A. V. [Zavgorodni, S. V., and Kryuchkova, V. G.]

ALKYLATION WITH OLEFINS. 1963, 323p
Order from Scripta Technica, Inc., 1000 Vermont
Ave., N. W., Washington, D. C.

Trans. of mon. [Reaktsiya Alkilirovaniya Organicheskikh Soedinenii] (Mefinami, Moscow, 1962, 323p).

DESCRIPTORS: *Alkylation, *Ethylenes, Carboxyl radicals, Benzenes, Phenols, Alkyl radicals, Synthesis (Chemistry), Oxidation, Catalysts, Peroxides.

(Chemistry--Organic, TT, v. 10, no. 12)

63-22698

- I. Topchiev, A. V.
- II. Zavgorodni, S. V.
- III. Kryuchkova, V. G.
- IV. Scripta Technica, Inc.,
Washington, D. C.

612501

Office of Technical Services

(BT-590L)

The Semiconductor Properties of Polymer Materials, by V. A. Kargin, A. V. Topchishev, B. A. Krentsel, L. S. Polak, B. E. Davydov, 19 pp.

RUSIAN, per, Zhur Vses Khim Obshch imeni D. I. Mendeleeva, Vol V, No 5, Oct 1960.
pp 507-514.

JFRB 9293

150 65 :

SOL - Chem
Job 61

TT-65-14263

Field 7C

Tepchik, A. V.; Gol'darb, Yu. Yu.; Krentsel, B. A.
THE POLYMERIZATION OF SOME HETEROCYCLIC COM-
POUNDS IN THE PRESENCE OF A COMPLEX ORGANO-
METALLIC CATALYST. 15p, briefs.

Order from SLA: \$1.00 no TT-65-14263

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v3 #4
p870-8 1961
See also Translated or Abstracted Publications, in
TT Vol. 14, No. 8.
Another article, is available from CPRTI, SLA, or ETC \$1.00
as TT-65-14434, 20p.
Also available from IIP \$100.00/year in Polymer Science
USSR, v3, no. 4.

MR 877

Investigations in the Field of Boron Compounds.
Reactivity of Triethylboron, by A. V. Topchijev,
Ye. M. ~~Nikolaev~~ Paushkin, A. A. Prokhorova, M. V.
Iurashew, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 1,
1959, pp 110-112.

CB

Sci - Chem
Sep 60

127,717

On the Chemical Composition of Cracked Gasolines
from Naphthenic Raw Material. Article 1. Combined
Method of Investigation of the Detailed Group Chemical
Composition of Cracked Gasoline. A. V. Topchiev, I. A.
Musayev, M. Kh. Iskhakov, N. M. Sardanashvili, 7 pp.
BULGAR. publ., Iz Ak Nauk SSSR, Otdel Khim Nauk,
No. 2, 1961, pp 94-101.

CB

1987, 12.2

Sob.
Anon. 2

Synthesis of Hydrocarbons of the Indane Series, by
A. V. Topchilev, N. E. Tsytovich, ~~and~~ E. S. Pokrovskaya,
pp.

USSIAN, per Dok Ak Nauk SSSR, Vol CXXVIII, No 3,
959, pp 558-560.

CB

ci - Chem
sp 60

127,733

Chlorination of Monochloropropanes, by B. A.
Krentsel', A. V. Topchijev, D. E. Il'ina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1192-1195.

CD

Sci - Chem
Sep 60

127,755

A Combination Method for the Investigation of the
Detailed Hydrocarbon Group, Composition of Cracked
Gasoline, by A. V. Topchijev, I. A. Musayev, E. Kh.
Iskhakov, N. M. Bardanashvili, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 5,
1959, pp 966-969.

CB

Sci - Chem
Sep 60

127,748

On Some Regularities in the Polymerization of
Propylene With A $TiCl_4 + AlR_3$ Catalyst System,
by A. V. Topchijev, B. A. Krentsel', L. G.
Sidorova, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 4, 1959, pp 732-739

CB

Sc1 - Chem
Sep 60

127,740

<p>Topchilev, A. V. and Krentsel', B. A. POLYCHENES, tr. by A. D. Norriss. Dec 61, 106p. Order from PI approx \$4.50</p> <p>Trans. of unidentified Russian monograph, n.p., n.d.</p>	<p>62-12322</p> <p>I. Topchilev, A. V. II. Krentsel', B. A. III. Pergamon Press, Inc. New York</p>
<p>DESCRIPTORS: *Ethylenes, *Polymers</p> <p>1912</p> <p>(Chemistry-Organic, TT, v. 7, no. 4)</p>	<p>Office of Technical Services</p>

Illustration of Hydrocarbons and Other Organic Compounds, by A. V. Topchiev.

RUSSIAN bk.

Pergamon Press

Sci.

Dec 59

Production of Xylenes by Alkylation and Dealkylation of Aromatic Hydrocarbons in the Presence of Synthetic Anionosilicates, by A. V. Topchiev, G. N. Mamedaliev, A. N. Kislitsky, G. M. Apikian, JPP.

RUBSIN, pcc, Dok Ak Nauk SSSR, Vol CIII, No 6, 1957,
pp 1073.

Consultants Bureau
1957

Sci - Chemistry
JUL 58

68,921

Synthesis of Isopropylnaphthalene and Secondary
Bis(1-naphthalene) by the Alkylation of Naphthalene
with Isobutane, V. Academician M. A. V. Topchikov,
Kh. M. Panzhitkin and M. V. Kurashev, 4 pp.

RUSSIAN, three-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 1, pp 25-96.

Consultants Bureau

Sci ~ Chemistry
Jan 1957 CIS

43,141

Individual Hydrocarbons in a Gasoline Fraction
From West Nebit-Dag Petroleum (Akchagyl
Stratum), by A. V. Topchiyev, 8 pp.

RUSSIAN, no per. Khim i Tekh Top, No 2,
1956, pp 9-13, Issol to IR-1847-56, Akchagyl.

AB 1049438

Sed. " Fuels
Jant \$7 CTS

45,000

Investigation of the Composition of the Naphthene Part of the Kerosene Fraction of Tuimazin (Devonian) Petroleum, by A. V. Tepchikov, L. M. Rozenberg, M. M. Kuzakov, M. V. Shishkina, 1956 pp.

RUSSTAN, per Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 9, Sup 1957, pp 1109-1119.

Sci - Chem
1956

50,433

Jul 57

Consultants Bureau

Photocatalytic Oxidation of Propane With a Moringa Leaf Extract, by A. V. Topachyrov, B. A. Dzhaparidze, D. S. Elpidov, 4 pp.

HUNGARIAN ECONOMIC DOCUMENTS, VOL. CXVI, NO. 5,
1957, p. 800-803.

Consultants Bureau

291 - Chitt

341 58

تاریخ اسلام

Investigation of the N-Peaffinic Hydrocarbon Systems
C₂₀-C₃₀ and C₃₀-C₄₂, by N. A. Kochitailo, L. M.
Rosenburg, E. M. Terentyeva, A. V. Topchiyev, 4 pp.

RUEHIAV, pp., Dok Ak Nauk SSSR, Vol. CXVI, No 4,
1957, pp 611-616.

Consultants Bureau

Sci - Chem
Oct 58

74-1307

Some Biological Properties of the Distillations and
Oils in the Barton, by A. V. Gorodilov, S. I.
Kerzhner, V. P. Moshkin, 6 pp.

RUBILIN, 1951, Dok Ak Nauk SSSR, Vol. CXVI, No 2.
1951, pp. 345-.

Consultants Bureau

Set. 1. Cited

Oct 23

74, 301

17

(DA-4109)

Nominations for Academicians to the Academy of Sciences of the USSR, by A. N. Neumyanov, A. V. Topchil'ev, 23 pp.

RUSSIAN, np, Izvestiya, 3 Jun 1960, p 5; 4 Jun 1960, p 4.

JPRS 3873

Sci - Misc

125,570

Sep 60

New Method for Polymerizing Ethylene and
Other Olefins, by A. V. Topchisev, et al.

RUSSIAN, no pag, Uspeshn Khim, Vol XXV, No 8,
1956, pp 921-932.

Tech and Comm
\$72.00

Sci + Chem
Jul 57

49,224

Basic Nomenclature and Classification of Low-Molecular Weight Organo-Silicon Compounds, by A. V. Topchiev, K. A. Andrianov, 7 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, May/Jun 1953, USSR, pp 490-497.

Consultants Bureau

Scientific - Chemistry

CRS/DEX

19,439

Alkylation of Benzene With Propane, by Ya. M. Pashkin,
A. V. Topchley.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXI, No 10, 1948,
pp 1065-1072.

ABC Tr 1184

Sci - Chem

Apr 52 GRS

A 8967

The Synthesis of Hexaalkoxyderivatives of
Cyclotriethylenetrissilene. (A report), by A. V.
Topchiev.

RUSSIAN, per, Doklady Akad. Nauk SSSR, Vol CIII,
No. 1, 1955, pp 95, 96.

UDSM (G.B. 39)

65, 804

The Nature of the Alkylation of Benzene by Propylene
With Various Catalysts in the Presence of Diisopropyl-
benzene, by Ye. M. Paushkin, A. V. Topchiev, M. V.
Kurashov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,
No 5, 1953, pp1141-1144.

Sci Mus Lib No 54/0294

Scientific - Chemistry
CTS/DEK

11,390

Primary Radical Formation in the Vapor-Phase
Nitration of Alkanes With Nitrogen Dioxide,
by A. V. Topchiev, N. N. Kaptsov, 6 pp.

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk,
No 7, 1956, pp 863-868.

Consultants Bureau

47, 229

Sci - Chem
May 57

Preparation of Hexa-Alkoxy Derivatives of Diisobutylene, by A. V. Topchiev et al.

Full translation.

RUSSIAN, thrice-monthly, Dok Ak Nauk SSSR, Vol LXXXIV,
No 5, 1952, pp 979-980.

Assoc Tech Sv Tr RJ-98

Scientific - Chemistry

Mar 53 OTR

\$3.25 (\$0.75)

A 10906

Chlorination of Isobutene, by A. V. Topchiev,
V. J. Krentsel', L. N. Andreev.

Full translation.

1951, three-no per, Dok Ak Nauk ESSR, Vol LXXXVII,
pp 999-1000.

Nova Scotia No 246

Scientific - Chemistry

Sep 53 CTS

5708

The First Scientific Results of the Flight of
Soviet Sputniks, by A. V. Topchiyev, 5 pp.

UNCLASSIFIED

RUSSIAN, up, Izvestiya, No 73, 26 Mar 1958,
p 3, Enc1 to IR 1404-58, AFCIM-1A1.

AP 1176758

Sci - Space Res
Jun 58

64,973

Topchlev, A. V., Maglev, M. P., and Shakhtakhtinskii, T. M.

SYNTHETIC MATERIALS FROM PETROLEUM, tr.
by J. Burden. Du. 61. 136p.
Order from PP approx. \$4.50

Trans. of unidentified Russian mono., n.p., n.d.

DESCRIPTORS: *Petroleum, Hydrocarbons, Carbon
compounds, Isomeric transitions, Materials, Plastics,
Synthetic rubber, Synthetic fibers, Detergents, De-
hydrogenation, Polymerization, Drugs.

(Chemistry--Organic, TT, v. 7, no. 4)

62-12321

I. Topchlev, A. V.
II. Maglev, M. P.
III. Shakhtakhtinskii, T. M.
IV. Pergamon Press, Inc.,
New York

Office of Technical Services

Differential-Thermal Investigation of the
Formation of Complexes of Urea With n-Paraffins,
by ~~KOKHANOVSKIY~~ A. V. Tojchayev.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XVIII, 1954, pp 223-226.

Assoc Tech Sv RJ-220
\$7.60

Scientific - Chemistry
CIS 73/Oct 1955

27,501

Synthesis of p-Diisopropylbenzene Mono- and
Dihydroperoxides, by A. V. Topchey, I. F.
Bykov, L. A. Morozov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 2,
1958, pp 306-308.

Consultants Bureau

Sci - Chem

Jun 59

88, 812

The Chemical Composition of Makhachkala Petroleum,
by A. V. Moustakim, G. N. Egorova, G. A. Aliyeva,
V. V. Bashirovich, 4 pp.

MOSCOW, per. Dok Akad Nauk SSSR, Vol XXVII, No 1,
1958, pp 110-113.

Consultants Bureau

Sci - Chem

Jun 55

88,821

Synthesis of Some Silicon Compounds With Cycloalkyl Radicals, by N. S. Mametkin, A. V. Romashov, P. I. Chernyshev, 4 pp.

RUSSIAN, no pag., Dok Akademii Nauk SSSR, Vol CXL, No 6, Nov/Dec 1956, pp 1260-1263.

Consultants Bureau

56,903

Sci - Chem

Dec 57

Investigation of Polydispersity of Polymers by the
Unestablished Sedimentation-Equilibrium Method. I.
Study of Polyisobutylene Prepared in the Presence of
a Complex Organometallic Catalyst, by S. Ya. Frenkel',
A. V. Topchhev, B. A. Krentsel', Yu. Ya. Gol'dfarb,
L. M. Pyrkov, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 12,
1959, pp 2778-2785.

Cleaver-Hume Press

127,790

Sci
Sep 60

Catalytic Transformations of Individual Naphthalene Hydrocarbons and Cyclohexanes in Presence of Benzene, by G. M. Mamedalyev, A. V. Tepohyev, S. M. Alimov, 10 pp.

RUSSIAN, Ser, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 10, 1959, pp 1794-1804.

CB

Sci.

Jun 62

157, 920

Reaction of Ethyl Bromide with Silicon, A. V.
Topchiev, N. S. Namrtkin, L. I. Kartasheva,
D.I.

ROSSIAN, por, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 6, 1958, pp 91-94.

949-953
Consultants Bureau

Sci

Apr 60

112, 218

The Polymerization of Oleic Acid and Its Methyl Ester
With Molecular Compounds of Boron Fluoride and the
Phosphoric Acid, by A. V. Topchilov, T. P. Visknyakova.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXI, No 9,
Sep 1951, pp 1618-1625. CIA 0182339

Consultants Bureau Vol XXI,
No 9, Sep 1951

USSR

Scientific - Chemistry, polymerization, acids, compounds,
boron fluoride, phosphoric

H12147

Investigation of the Hydrocarbon Composition of
the Benzene Fractions of Some Soviet Crude Oils,
by A. V. Topchiyev, 30 pp.

RUSSIAN, Bulet, Dok na IV Mezhdunarodnom Neft
Kongresse v Rime, Moscow, 1955.

Available Harvard University
Library

33, 486

USSR

Scientific - Fuels , Petroleum
Economic - Petroleum, Fuels

A Study of the Chlorination of Gaseous
Paraffin Hydrocarbons and Certain Transforma-
tions of Alkyl Chlorides, by A. V. Topchiyev,
B. A. Krentsel, 66 pp.

RUSSIAN, booklet, Dok na IV Mezhdunarodnom Neft
Kongresse v Rime, Moscow, 1955.

Available Harvard University
Kemper Library

USSR

3.3 457

Scientific - Fuels, Petroleum
Economic - Fuels, Petroleum

The Use of Boron Fluoride and Its Compounds
as Catalysts in Alkylation and Polymerisation
Reactions, by A. V. Topchiyev, Ya. M. Paushkin,
28 pp.

RUSSIAN, bulet, Dok na IV Mezhdunarodnom Neft
Kongresse v Rime, Moscow, 1955.

Available Harvard University
Library

33,481

USSR
Scientific - Fuels, Petroleum
Economic - Petroleum, Fuels

Concerning High Molecular Polymerization of Isobutylene
(Synthetic Fuel), by Acad A. V. Torchilin, Ya. M.
Paushkin, T. I. Lipatova. UNCLASSIFIED

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol LXXVI, No 3,
1951, pp 415 - 418.

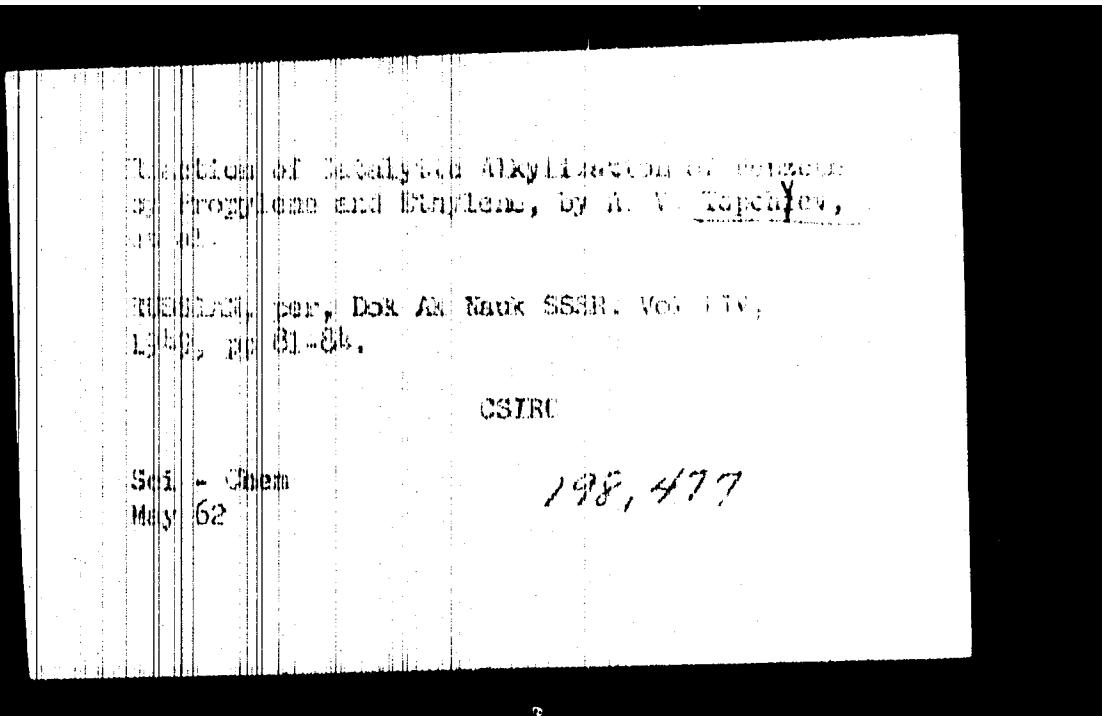
OQMG Tr

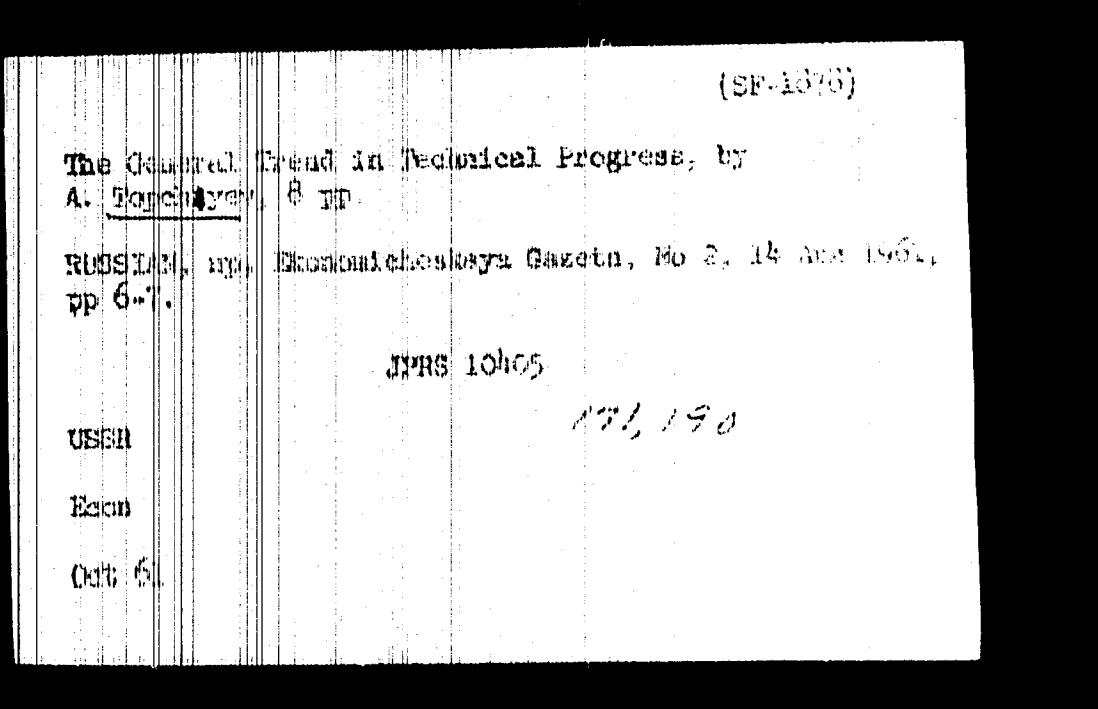
AMT 169

Sci - Chemistry

Jul 1951 CTS

A





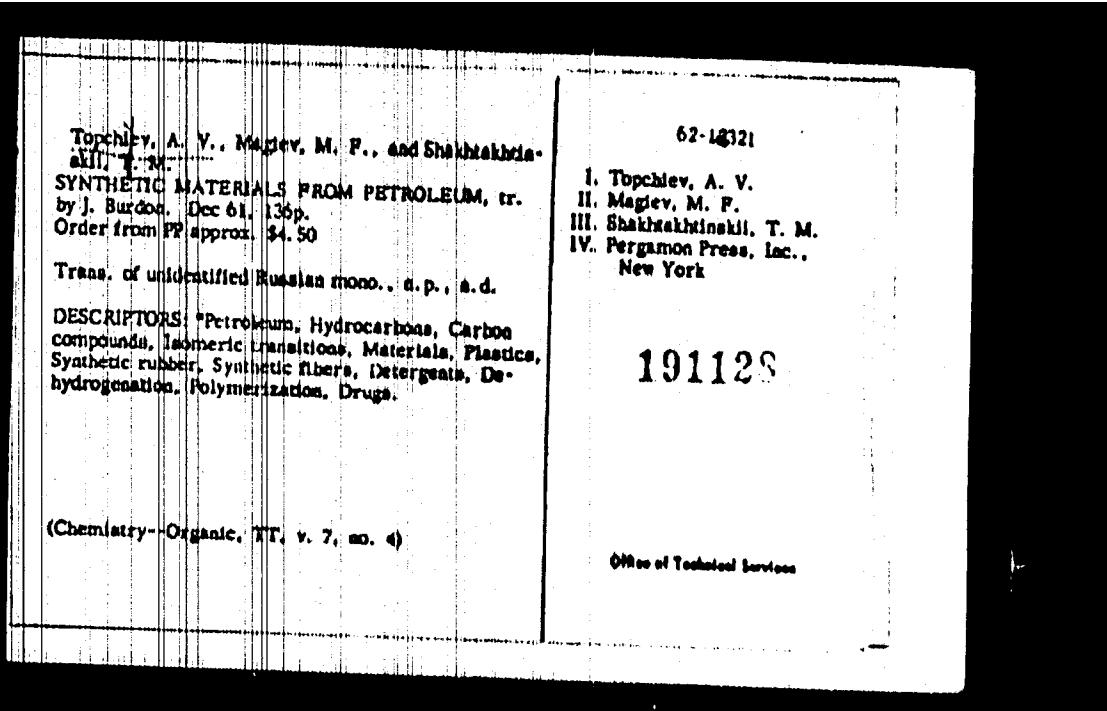
Synthesis of Organosilicon Compounds with Siloxane Carbanilides by N. S. Mametkin, and A. V. Tschiyev,
and et al., 37 pp.

Russien, th., Issledovaniya v Oblassti Kremniyorganicheskikh Soedinenii; sintez i Fiziko-Khimicheskie
Svoystva, Moscow, 1962, pp 105-129. 9687651

FID-TT-63-451

Sci-Chem
Nov 63

241, 300



(DC-6575)

On the Status and Training of Scientific Personnel in the Light of the New Tasks Placed Upon the USSR Academy of Sciences, by A. V. Toporil'yev, 23 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 12, 1961,
pp 35-48.

JPRS 12786

187, 880

USSR
Pol.
Hn: 62

The Possibility of Preparing Some Organosilicon Compounds With Alkylbenzyl Radicals From Chloromethylated Alkylbenzenes, by N. S. Mametkin, A. V. Topchiev, Ku Ch'ang-li, N. A. Iritulin, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9, 1959, pp 2820-2825.

CB

Sci

129, 263

Radicals of Hydrocarbons, by A. V. Topchiev, et al.

Russia, 320 pages.

* Scripta Technica Inc.

Sci-Cite
Oct 63

Allusion with Olefins, by A. V. Tikhonov, et al.

RUSSIAN EDITION, 345 PAGES.

* Scripta Technica Inc.

Sci. Chem.
Out 03

On the Possibility of Producing Polymeric Materials
With Semi-Conductor Properties From Polyacrylnitryl,
by A. V. Tsvetkov, N. A. Geyderikh, B. E. Davydov,
V. A. Kargin, B. A. Krentsel', I. M. Kustanovich,
L. S. Polak.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CXXVIII, No 2,
1959.

URSSIA: 81-0-15 768

Sci - Chem

Oct 60

Preparation of Polypropylene Over a Chromium
Oxide Catalyst, by A. V. Topchiev, A. I.
Perel'man, V. I. Smetanyuk, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1959, pp 1346-1348.

CB

Sov.

JUL 6 19

162, 454

Catáctica Oxide Catalysts for the Polymerization
of Ethylene, by A. V. Tonchikov, B. A. Krentsel',
A. I. Perel'man, et al, 8 pp.

RUSIAN, per, Izd Nauk SSSR, Otdel Nauk Nauk,
No 6, 1959, pp 1079-1087.

CD

Sci

June 62

1572, 928

The Addition of Trichlorosilane to Dialkyl (Phenyl, Vinyl) Diallylsilanes. Some Silicohydrocarbons Obtained on the Basis of the Addition Products, by N. S. Namozkin, A. V. Topchilev, S. G. Durgar'yuz, N. A. Pot'mina, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 8, 1960,
pp 2594-2599.

GB 168,799

3ct

Ref. 6:

Topchiyev A. V.

MECHANIZATION OF UNDERGROUND COAL MINING
IN THE USSR. II [COMPLEX MECHANIZATION AND
AUTOMATION OF UNDERGROUND MINING OF COAL
IN THE 5TH 5 YEAR PLAN, 1953] (Kompleksnaya
Mekhanizatsiya i Avtomatizatsiya Podzemnoy Dobychi
Ugla v Rytov Pystyle 1953). [1961] 11ip. Tl. 1463;
[DSIR LLU] M 2224.

Order from CTS or SLA \$1.60

61-13719

Partial transl. (p. 6-24) of Vsesoyuznoye Obshchestvo
po Rasprostraneniyu Politicheskikh i Nauchnykh Znanii.
Seriya 4 (USSR) 1953, no. 37, 31p.

DESCRIPTORS: *Coal, *Mining engineering, *Automation,
USSR.

(Engineering, TT, v. 6, no. 2)

61-13719

- I. Topchiyev, A. V.
- II. Trans-T/L-1463
- III. DSIR LLU M.2224
- IV. Title: Complex ...

Office of Technical Services

S. Catalytic Transformations of Individual Paraffins
and Olefins in the Presence of Benzene Over
Synthetic Aluminum Silicates, by A. V. Topchijev,
G. M. Mamedaliyev, S. M. Aliyev.

ll, RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No
1959, pp 1971-1979.

CB

Sci ..
May 61

153,094

Preparation of Aromatic Hydrocarbons by the Catalytic Treatment of the Products of the Coking of Coal and of the Pyrolysis and Thermal Cracking of Petroleum,
by A. V. Il'ichev, G. M. Mamedalyev, S. M. Alyev,
12 pp.

RUSSIAN, ver, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5,
1959, pp 61-874.

CB

Sci. -
May 61

153, 253

Certain Thermal Properties of Polypropylene, by I. M.
Tolchinskii, N. A. Mechitailo, A. V. Topchiev, 5 pp.

RUSSIAN, per, Plasticheskiy Massy, No 7, 1960, pp 3-8.

RAPRA

Sci

Aug 62

CIA/FDD X-1695

163,057

Synthesis & of Alkylindans, by A. V. Topchikov,
S. B. Pokrovskaya, T. G. Stepanova, 7 ppj

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11
1959, pp 1530-1987.

CB

Box -
May 61

153, 083

In Honor of the Sixtieth Birthday of A. N. Nesmeyanov, by I. L. Kouryants, A. V. Topchiev, 3pp.

RUSSIAN, per, Iz Akademii Nauk SSSR, Otdel. Khim. Nauk, No 8, 1959, pp 1355-1361.

CB

Sci -
May 61

152, 784

Reaction of Cyclohexene With Dilute Nitric Acid, by A. V. Topchijev, Ye. L. Fantaurova,
4 pp.

RUSSIAN, ppr, Dok Akad Nauk SSSR, Vol LXVIII,
No 1, 1953, pp 83-85.

AT&T-LOMIR

129,397

Sci

OTS, Vol IV, No 3
Sep 60

(DC 4570)

For the Further Strengthening of the Ties of
Science and Production, by A. V. Topchiyev,
S. P. G.

RUBLES, per, Vest Ak Nauk SSSR, No 6, 1960,
pp. 3-4.

JFAB 6301

Sov - Mac

Jun 61

136,086

Topchiyev, A. V., Krentsel', B. A. and others.
POLYMERIZATION OF ETHYLENE ON A CHROMIA
CATALYST UNDER ATMOSPHERIC PRESSURE IN
THE ABSENCE OF A SOLVENT (Polimerizatsiya
Etikena na Oksianokhromovom Katalizatore pri
Atmosfernom Davlenii v Osnutatel'nye Reaktiviteley).
(1960) [4]n. 3 refs.
Order from I.C or S.I.A mi\$1.80, ph\$1.80 61-10582

Trans. of "Akad[emiya] Nauk SSSR. Otdel[eniye]
Khim[icheskikh] Nauk. Izvest[iya] 1959 [no. 2]
p. 365-366.
Another translation is available from AT&S \$3.00
as ATS-96132R (1959) 2p.

(Chemistry--Organic TT, v. 5, no. 7)

61-10582

1. Ethylenes--Polymerization
2. Chromium oxides--Catalytic properties

- I. Topchiyev, A. V.
- II. Krentsel', B. A.

Office of Technical Services